

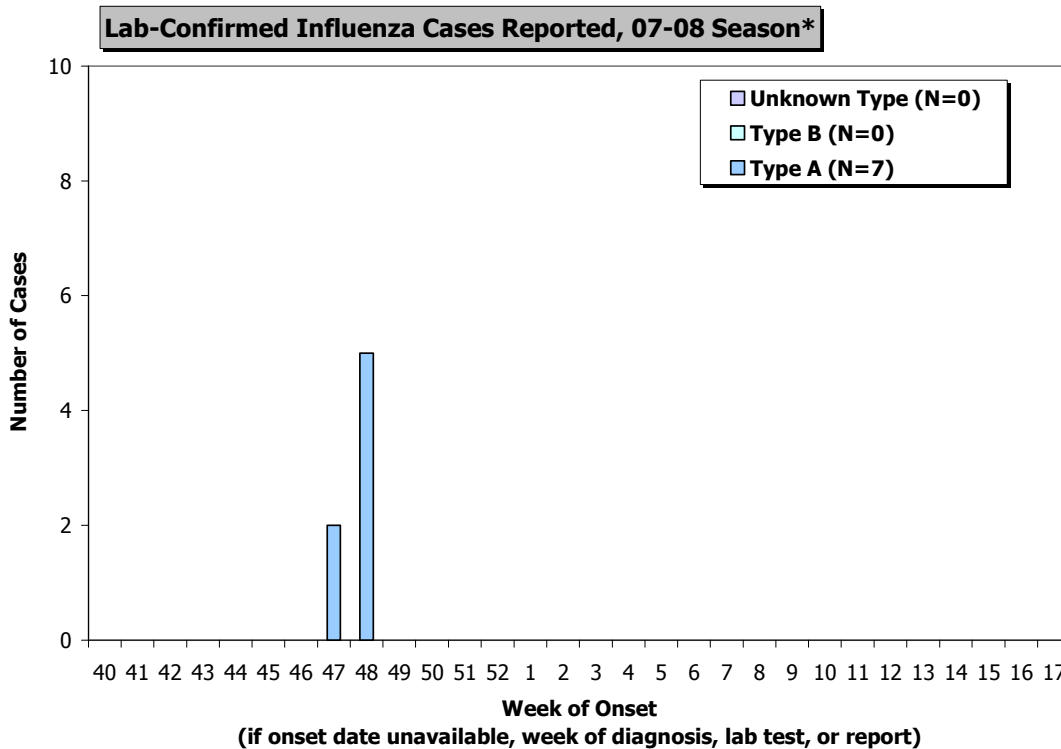
## 07-08 Influenza Season

### **MARICOPA COUNTY INFLUENZA SUMMARY UPDATE** **WEEK 48 (11/25/07-12/01/07)**

- **Case Count: 7 lab-confirmed cases reported (through Week 48)**
- **Pneumonia & Influenza Mortality: 3.94% of all deaths were due to pneumonia or influenza (all of Maricopa County, Week 48)** (MCDPH Office of Vital Statistics)
- **Influenza-Like Illness:**
  - **Cigna Health Centers (n=20): 0.18% of visits due to ILI** (provisional data; subject to change as updated information becomes available)
  - **Hospital Emergency Departments (n=11): 1.14% of visits due to ILI**
- **Absenteeism, Elementary & Jr. High Schools (n=23): 13.24% of students absent due to illness**

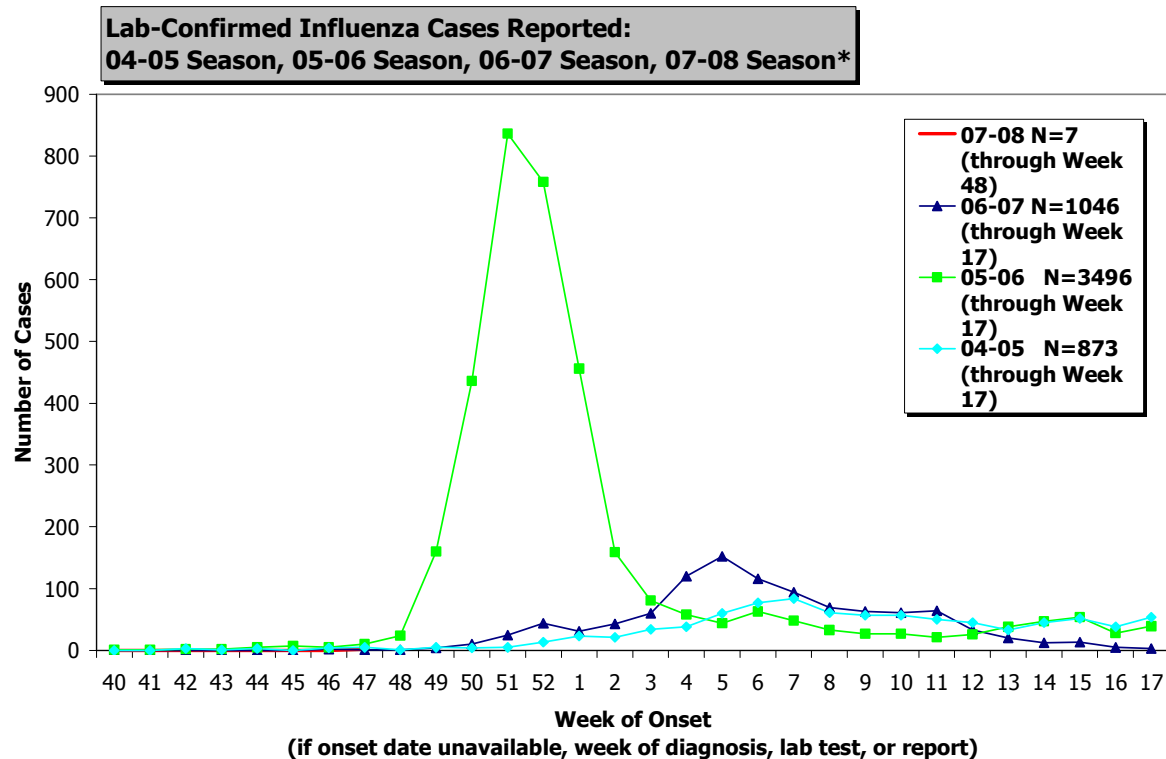
#### ***Lab Surveillance***

At the time of this report, 7 lab-confirmed cases have been reported for the 07-08 season through Week 48.



\*Counts for the most recent weeks of the 07-08 season may increase as additional cases are reported.

## Lab Surveillance



\*Counts for the most recent weeks of the 07-08 season may increase as additional cases are reported.

## Pneumonia & Influenza Mortality Surveillance

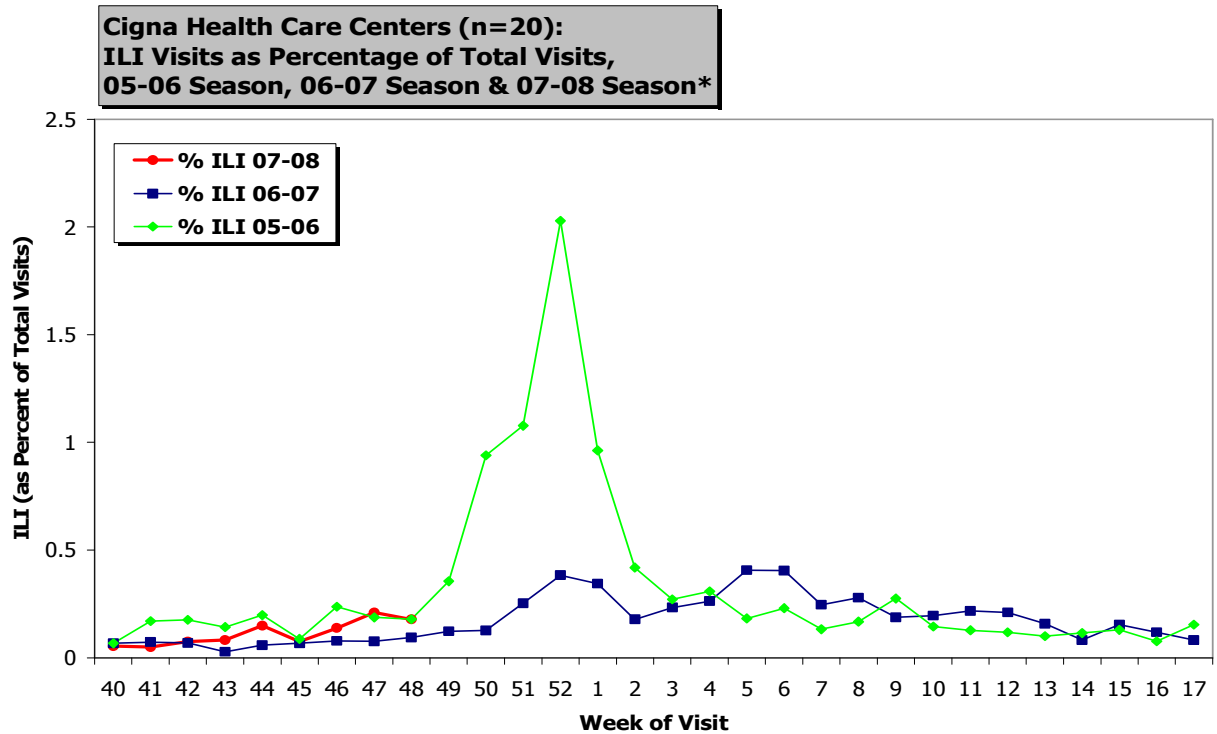
For Week 48 (11/25/07-12/01/07), the MCDPH Office of Vital Statistics reported that of all deaths, the percentage due to pneumonia or influenza was 4.5% for the City of Phoenix, 3.63% for Maricopa County less the City of Phoenix, and 3.94% for all of Maricopa County.

## Influenza-Like Illness (ILI)\* Surveillance

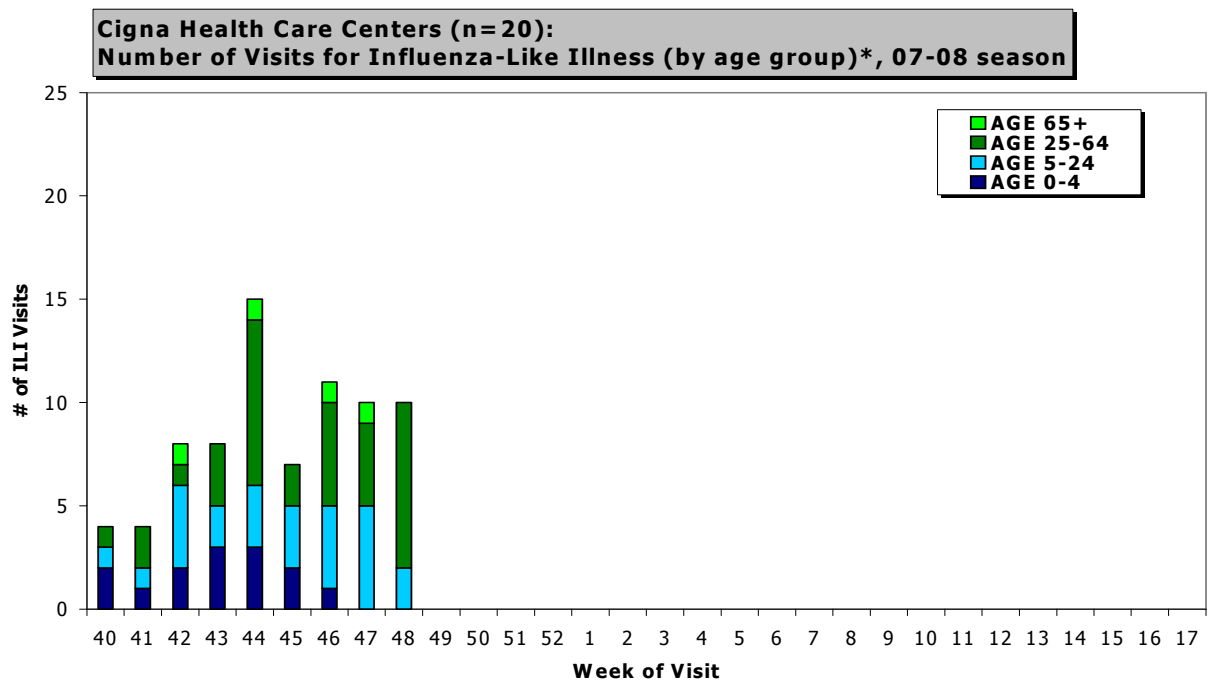
\*ILI case definition: fever (at least 100°F) AND cough and/or sore throat.

- During Week 48, 0.18% of patient visits to Cigna Health Care Centers (data from 20 centers, six departments) were due to ILI. During Week 48 of the two previous seasons, 0.09% (06-07) and 0.17% (05-06) of patient visits to Cigna Health Care Centers were due to ILI. (\*Provisional data; may change in subsequent reports as updated information becomes available.)
- The percentage of ER visits for ILI (data from 11 hospitals) was 1.14% for Week 48. ER ILI percentages for Week 48 ranged from 0.39% to 1.26%.

### Influenza-Like Illness (ILI)\* Surveillance

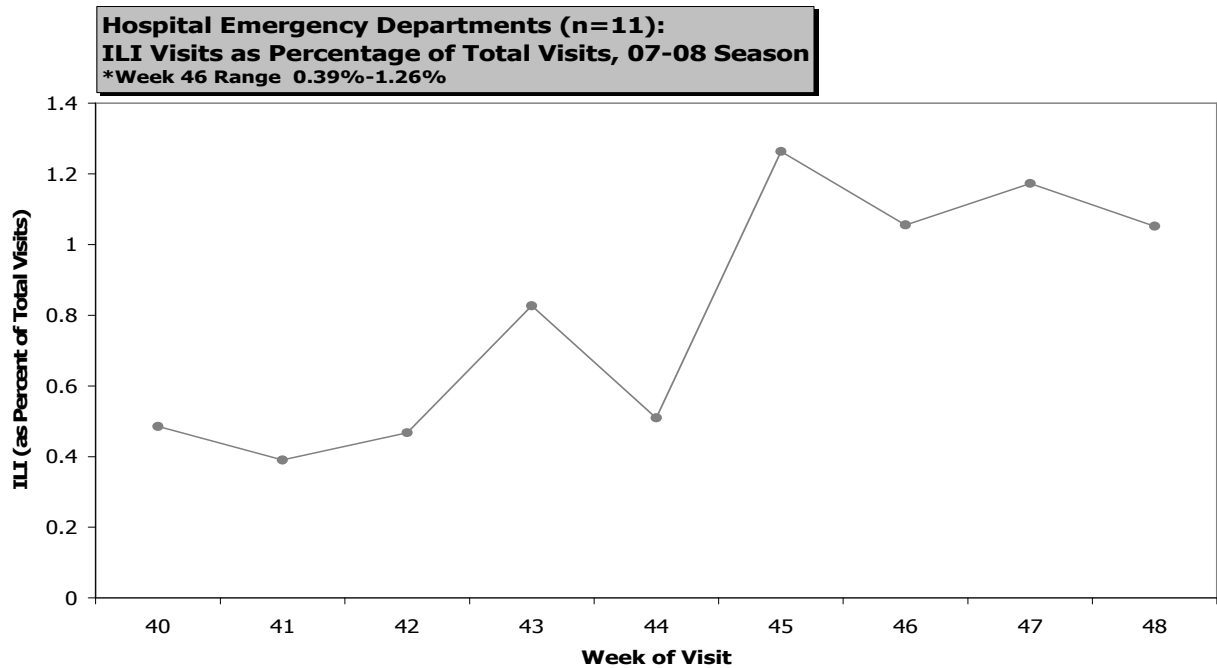


\*Data for Weeks 43-48 of the 07-08 season is provisional and may change in subsequent reports as updated information becomes available.



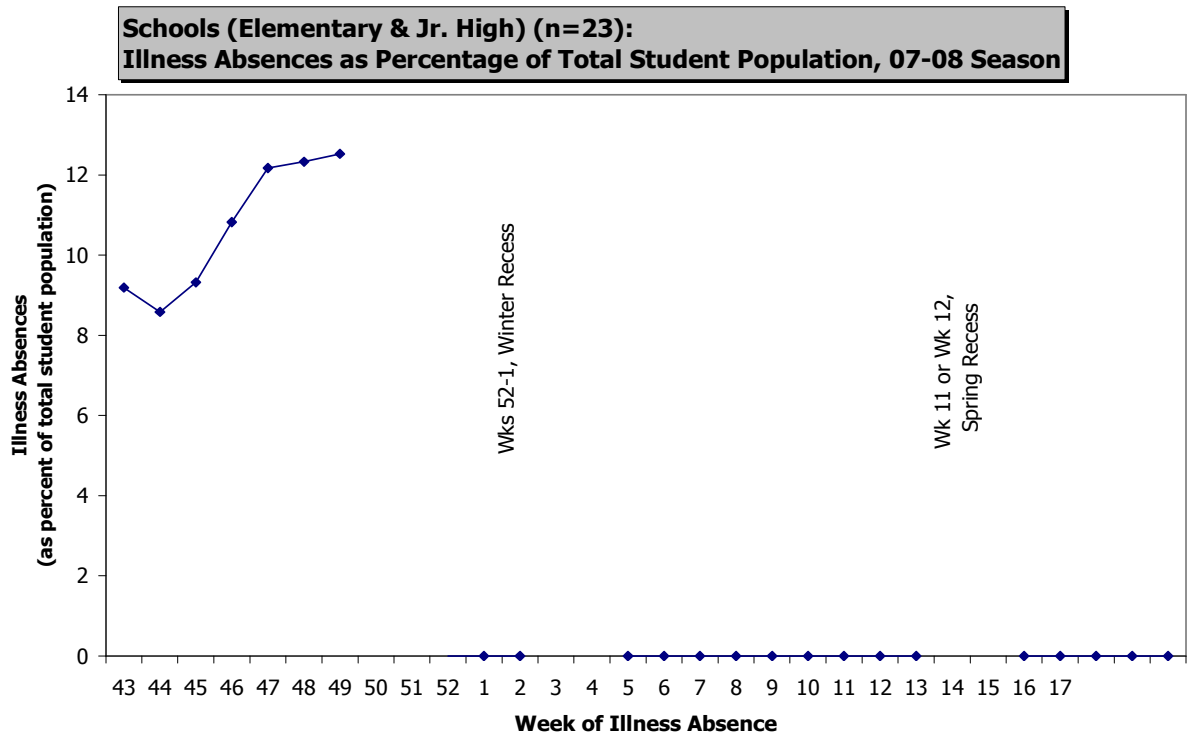
\*Data for Weeks 43-48 of the 07-08 season is provisional and may change in subsequent reports as updated information becomes available.

### ***Influenza-Like Illness (ILI)\* Surveillance***



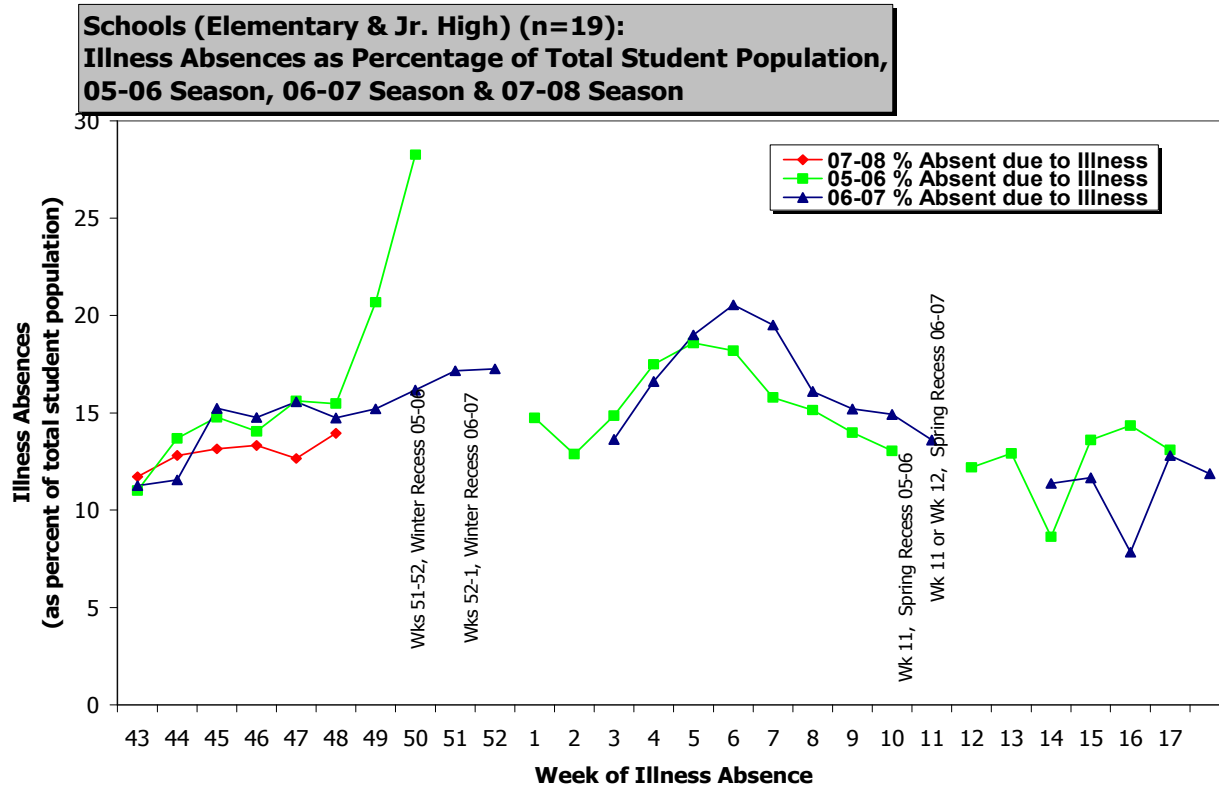
### ***Absenteeism (due to illness), Elementary and Jr. High Schools***

- The percentage of students absent due to illness (data from 23 schools) was 13.24% for Week 48.



### ***Absenteeism (due to illness), Elementary and Jr. High Schools***

- For 19 of the 23 schools, data is available for multiple seasons. For these schools, the percentage of students absent due to illness was 13.95% for Week 48 of this season. For Week 48 of the two previous seasons, the absenteeism percentages were 15.2% (06-07) and 15.5% (05-06).



### ***Influenza Activity outside Maricopa County***

Information on influenza activity outside Maricopa County is available at these sites:

- [http://azdhs.gov/phs/oids/epi/flu/az\\_flu\\_surv.htm](http://azdhs.gov/phs/oids/epi/flu/az_flu_surv.htm) (Arizona Department of Health Services)
- <http://www.cdc.gov/flu/weekly/fluactivity.htm> (CDC)

*Due to wide variability between national- and local-level data, it is not appropriate to apply any national baselines or thresholds to the information represented in this report.*

Please email any questions about this report to: [dereksteinke@mail.maricopa.gov](mailto:dereksteinke@mail.maricopa.gov).

Report generated: 12/07/07.

Influenza Surveillance Participants include:

Cigna Health Care Centers

Hospital Emergency Departments & Infection Control Practitioners

- Banner Baywood Medical Center
- Banner Desert Medical Center
- Banner Good Samaritan Medical Center
- Carl T. Hayden VA Medical Center
- Del E. Webb Hospital
- John C. Lincoln Hospital - Deer Valley
- John C. Lincoln Hospital - North Mountain
- Maricopa Medical Center
- Mayo Clinic
- Mesa General Hospital
- Phoenix Indian Medical Center
- Phoenix Memorial Hospital
- Scottsdale Healthcare Shea
- Scottsdale Healthcare Osborne
- St. Joseph's Hospital & Medical Center
- St. Luke's Hospital
- Tempe St. Luke's Hospital
- Wickenburg Community Hospital

Schools (listed by school district)

- Deer Valley Unified School District
  - Legend Springs Elementary
  - New River Elementary
  - Park Meadows Elementary
- Gilbert Public Schools
  - Gilbert Jr. High
  - Harris Elementary
  - Technology & Leadership Academy
- Glendale Elementary School District
  - Burton Elementary
  - Horizon Elementary
- Mesa Public Schools
  - Barbara Bush Elementary
  - Field Elementary
  - Irving Elementary
  - Lowell Elementary
  - Salk Elementary
  - Whittier Elementary
  - Shepherd Jr. High
  - Taylor Jr. High
- Morristown Elementary District
  - Morristown Elementary
- Paradise Valley Unified School District
  - Desert Cove Elementary
  - Desert Springs Elementary
  - North Ranch Elementary
- Tempe Elementary School District
  - Bustoz Elementary
  - Gilliland Middle
- Washington Elementary School District
  - Arroyo Elementary
  - Desert Foothills Jr. High
  - Lakeview Elementary
  - Ocotillo Elementary
  - Shaw Butte Elementary
  - Sunburst Elementary
  - Sweetwater Elementary

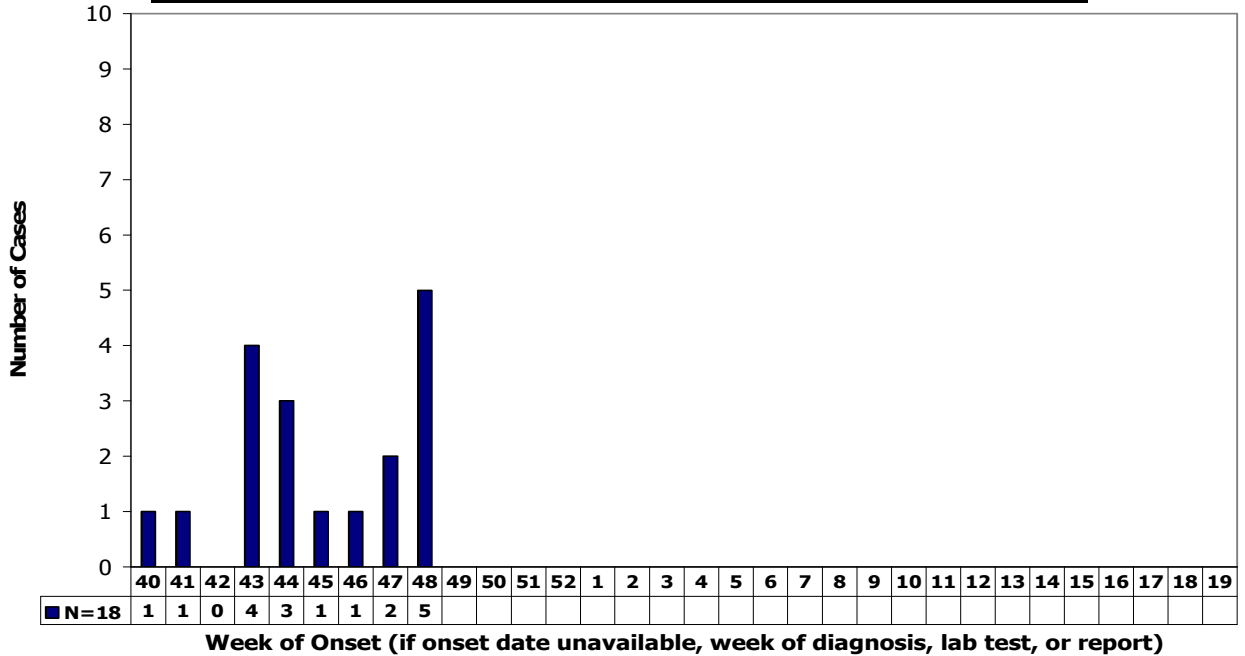
## MARICOPA COUNTY RSV SUMMARY UPDATE

### WEEK 48 (11/25/07-12/01/07)

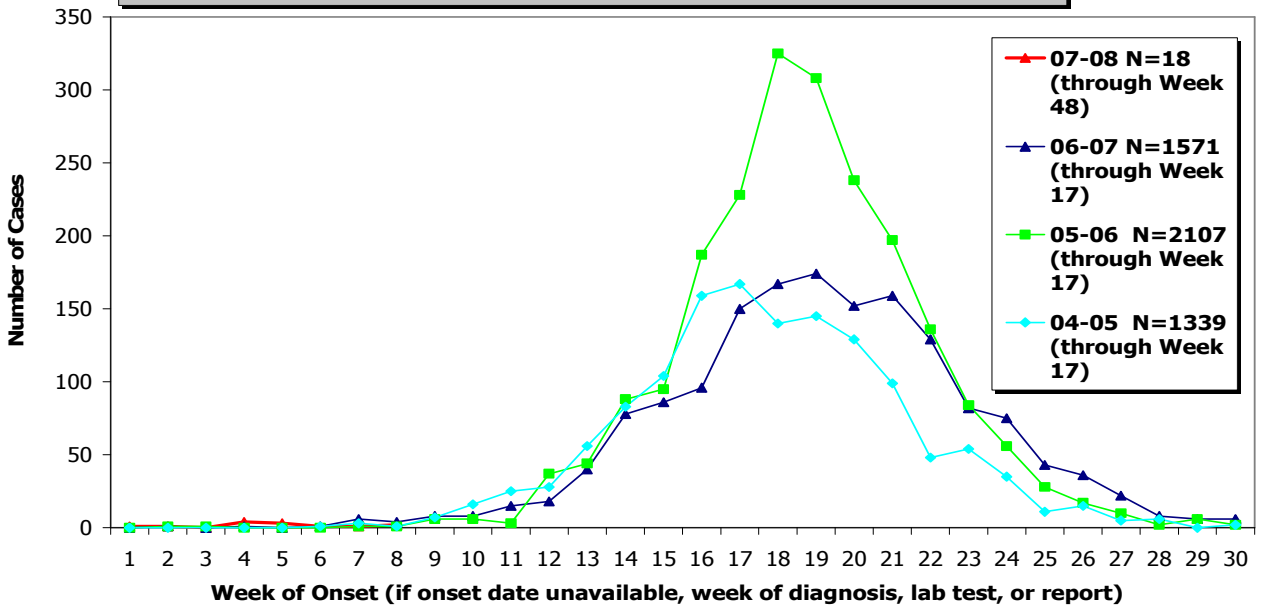
#### *Respiratory Syncytial Virus (RSV) Lab Surveillance*

At the time of this report, 18 lab-confirmed cases of RSV have been reported through Week 48.

**Lab-Confirmed Respiratory Syncytial Virus (RSV) Cases Reported, 07-08 Season\***



**Lab-Confirmed Respiratory Syncytial Virus (RSV) Cases Reported: 04-05 Season, 05-06 Season, 06-07 Season, 07-08 Season\***



\*Counts for the most recent weeks of the 07-08 season may increase as additional cases are reported.